



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/844,381	04/27/2001	D. Scott Jorgenson	10005476-1	1553

7590 10/26/2004
HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

BRUCKART, BENJAMIN R

ART UNIT	PAPER NUMBER
----------	--------------

2155

DATE MAILED: 10/26/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/844,381

Applicant(s)

JORGENSEN, D. SCOTT

Examiner

Benjamin R Bruckart

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 April 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-29 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

Detailed Action

Claims 1-29 are pending in this Office Action.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-29 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No 6,182,142 by Win et al.

Regarding claim 1, a method implemented at a Web server for controlling the interruption and resumption of access to a World Wide Web page to be supplied by the Web server and requiring at least one prerequisite (Win: col. 2, lines 25-40; col. 4, lines 39-55), comprising:

receiving and evaluating a current HTTP request from a Web client to determine whether a previously unsatisfied prerequisite has been satisfied (Win: col. 3, lines 32-34, lines 37-41);

retrieving from a stored location information relating to a target HTTP request previously interrupted by the prerequisite (Win: col. 2, lines 41-65), if the receiving and evaluating step determines that a previously unsatisfied prerequisite has been satisfied (Win: col. 3, lines 34-36);

forming an HTTP response, which response includes contents for re-requesting from the Web client the target HTTP request (Win: col. 8, lines 40-55); and

Art Unit: 2155

transmitting the response to the Web client that transmitted the current HTTP request (Win: col. 8, lines 28-31; col. 9, lines 6-21).

Regarding claim 2, the method according to claim 1, wherein the prerequisite is an authentication prerequisite (Win: col. 6, lines 6-23).

Regarding claim 3, the method according to claim 1, wherein the prerequisite is an entitlement prerequisite (Win: col. 6, lines 6-23; col. 3, lines 1-14).

Regarding claim 4, the method according to claim 1, wherein the prerequisite is a workflow prerequisite (Win: col. 6, lines 6-16; col. 8, lines 40-44, lines 66– col. 9, line 4).

Regarding claim 5, the method according to claim 1, wherein the information relating to the target HTTP request, retrieved from the stored location, includes the original target URL, queries, and form arguments (Win: col. 8, lines 28-30, 53-55; col. 15, lines 1-18).

Regarding claim 6, the method according to claim 1, wherein the information relating to the target HTTP request, retrieved from the stored location, includes sufficient additional state information (Win: col. 2, lines 36-39), so that re-request contents within the HTTP response are adequate for the Web client to repeat the target HTTP request as originally transmitted (Win: col. 8, lines 31-55).

Regarding claim 7, the method according to claim 1, wherein the information relating to the target HTTP request, retrieved from the stored location, includes the type of prerequisite previously unsatisfied for the target HTTP request (Win: col. 8, lines 66- col. 9, lines 5).

Regarding claim 8, the method according to claim 1, wherein the stored location uses client-side session state (Win: col. 2, lines 36-39= tokens; col. 6, lines 48-64; cookie).

Art Unit: 2155

Regarding claim 9, the method according to claim 1, wherein the stored location uses server-side session state (Win: col. 8, lines 14-31; col. 9, lines 6-21).

Regarding claim 10, the method according to claim 1, wherein the HTTP response formed includes content to cause the Web client to automatically re-request the target HTTP request (Win: col. 8, lines 40-55; redirect).

Regarding claim 11, the method according to claim 1, wherein the HTTP response formed includes content to inform and allow the user of the Web client to optionally re-request the target HTTP request (Win: col. 6, lines 6-24).

Regarding claim 13, the method according to claim 7, wherein the prerequisite is an authentication prerequisite (Win: col. 6, lines 6-23).

Regarding claim 14, the method according to claim 7, wherein the prerequisite is an entitlement prerequisite (Win: col. 6, lines 6-23; col. 3, lines 1-14).

Regarding claim 15, the method according to claim 7, wherein the prerequisite is a workflow prerequisite (Win: col. 6, lines 6-16; col. 8, lines 40-44, lines 66– col. 9, line 4).

Regarding claim 12, a method implemented at a Web server for controlling the interruption and resumption of access to a World Wide Web page to be supplied by the Web server and requiring at least one prerequisite (Win: col. 2, lines 25-40; col. 4, lines 39-55), comprising:

receiving and evaluating a current HTTP request from a Web client to determine whether an unsatisfied prerequisite exists (Win: col. 3, lines 32-34, lines 37-41);

Art Unit: 2155

saving to a stored location information concerning the current HTTP request (Win: col. 2, lines 41-65; col. 10, lines 6-12), if the receiving and evaluating step determines that an unsatisfied prerequisite exists (Win: col. 8, lines 56- col. 9, line 6; col. 3, lines 34-36);

forming an HTTP response, which response omits desired contents from a location specified by the current HTTP request (Win: col. 8, lines 56- col. 9, line 6); and

transmitting the response to the Web client that transmitted the current HTTP request (Win: col. 8, lines 56- col. 9, lines 5).

Regarding claim 16, the method according to claim 12, wherein the information saved to the stored location includes the current URL, queries, and form arguments (Win: col. 8, lines 28-30, 53-55; col. 15, lines 1-18).

Regarding claim 17, the method according to claim 12, wherein the information saved to the stored location includes sufficient additional state information (Win: col. 2, lines 36-39; col. 10, lines 6-12), so that an HTTP response may later be generated containing contents adequate for the Web client to re-request the current HTTP request as originally transmitted (Win: col. 8, lines 31-55).

Regarding claim 18, the method according to claim 12, wherein the information saved to the stored location further includes the type of prerequisite that is unsatisfied (Win: col. 8, lines 66- col. 9, lines 5).

Regarding claim 19, the method according to claim 12, wherein the stored location uses client-side session state (Win: col. 2, lines 36-39= tokens; col. 6, lines 48-64; cookie).

Regarding claim 20, the method according to claim 12, wherein the stored location uses server-side session state (Win: col. 8, lines 14-31; col. 9, lines 6-21).

Art Unit: 2155

Regarding claim 21, the method according to claim 12, wherein the HTTP response formed includes content to inform and allow the user of the Web client to optionally initiate activity to satisfy the unsatisfied prerequisite (Win: col. 8, lines 40-44; lines 65 – col. 9, line 5).

Regarding claim 22, a Web server for controlling the interruption and resumption of access to a World Wide Web page to be supplied by the Web server and requiring at least one prerequisite (Win: col. 2, lines 25-40; col. 4, lines 39-55) comprising:

- a first mechanism configured to evaluate a current HTTP request from a Web client to determine whether a previously unsatisfied prerequisite has been satisfied (Win: col. 3, lines 32-34, lines 37-41);

- a second mechanism configured to retrieve from a stored location information relating to a target HTTP request previously interrupted by the prerequisite (Win: col. 2, lines 41-65), in response to the first mechanism determining that a previously unsatisfied prerequisite has been satisfied (Win: col. 8, lines 56- col. 9, line 6; col. 3, lines 34-36);

- a third mechanism configured to form an HTTP response, which response includes contents for re-requesting from the Web client the target HTTP request (Win: col. 8, lines 56- col. 9, line 6); and

- a fourth mechanism configured to transmit the response to the Web client that transmitted the current HTTP request (Win: col. 8, lines 56- col. 9, lines 5).

Regarding claim 23, the Web server according to claim 22, wherein each of the first, second, third, fourth, and fifth mechanisms are implemented in software (Win: col. 26, lines 33-47).

Regarding claim 24, the Web server according to claim 22, further including a fifth mechanism configured to save to a stored location an original target URL, queries, and form arguments (Win: col. 8, lines 28-30, 53-55; col. 15, lines 1-18).

Art Unit: 2155

Regarding claim 25, the Web server according to claim 22, further including a sixth mechanism configured to form an HTTP response, which response omits desired contents from a location specified by the original target URL (Win: col. 8, lines 56- col. 9, line 6).

Regarding claim 26, the Web server according to claim 22, further including a seventh mechanism configured to transmit the response formed by the sixth mechanism to the user that transmitted the current HTTP request (Win: col. 8, lines 56- col. 9, line 6).

Regarding claim 27, the Web server according to claim 22, wherein the Web server collectively comprises multiple computers that collaborate (Win: Figure 1).

Regarding claim 28, a Web server for controlling the interruption and resumption of access to a World Wide Web page to be supplied by the Web server and requiring at least one prerequisite (Win: col. 2, lines 25-40; col. 4, lines 39-55) comprising:

- a first mechanism configured to evaluate a current HTTP request from a Web client to determine whether an unsatisfied prerequisite exists (Win: col. 3, lines 32-34, lines 37-41);

- a second mechanism configured to save to a stored location information relating to the current HTTP request (Win: col. 3, lines 32-34, lines 37-41), in response to the first mechanism determining that an unsatisfied prerequisite exists (Win: col. 8, lines 56- col. 9, line 6; col. 3, lines 34-36);

- a third mechanism configured to form an HTTP response, which response omits desired contents from a location specified by the current HTTP request (Win: col. 8, lines 56- col. 9, line 6); and

- a fourth mechanism configured to transmit the response to the Web client that transmitted the current HTTP request (Win: col. 8, lines 28-30, 53-55; col. 15, lines 1-18).

Art Unit: 2155

Regarding claim 29, the Web server according to claim 28, further including a fifth mechanism configured to determine, from the current HTTP request, whether a previously unsatisfied prerequisite has been satisfied (Win: col. 7, lines 23-32; col. 9, lines 45-col. 10, line 5).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Benjamin R Bruckart whose telephone number is (703) 305-0324 until 10/27/2004 and 571-272-3982 after. The examiner can normally be reached on 8:00-5:30 PM with every other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain Alam can be reached on (703) 308-6662 until 10/27/2004 and 571-272-3978 after. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-0324 until 10/27/2004 and 571-272-3982 after.

Benjamin R Bruckart
Examiner
Art Unit 2155
brb
October 29, 2004


HOSAIN ALAM
SUPERVISORY PATENT EXAMINER